

FIGURE 2

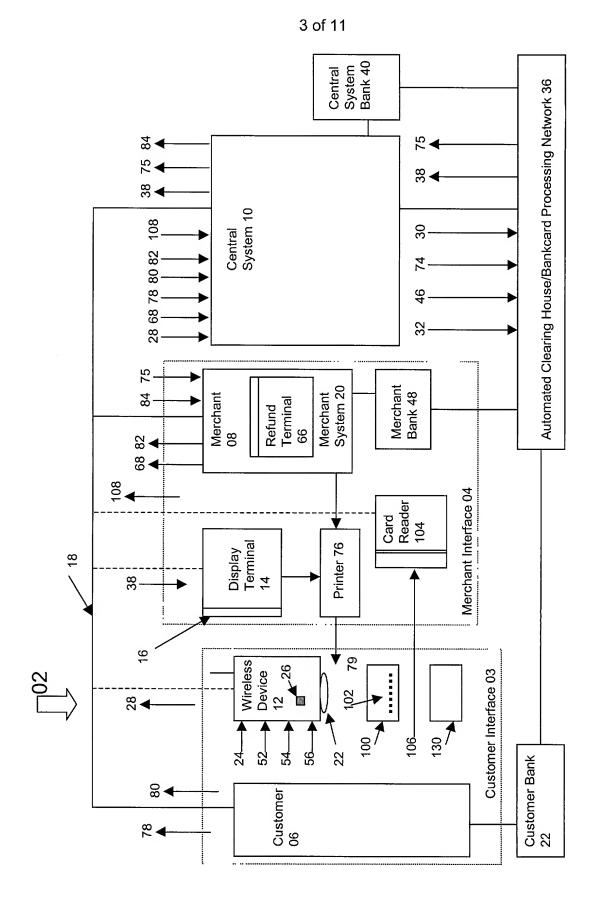


FIGURE 3

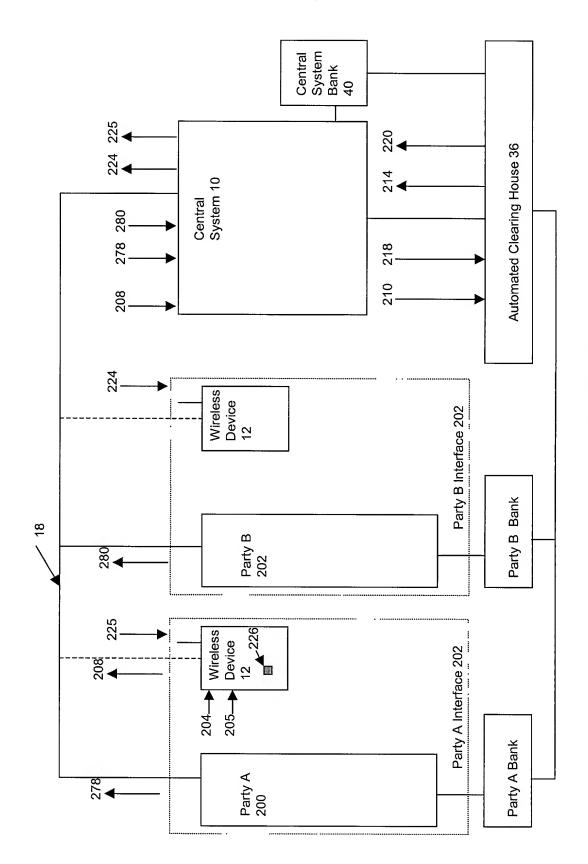


FIGURE 4

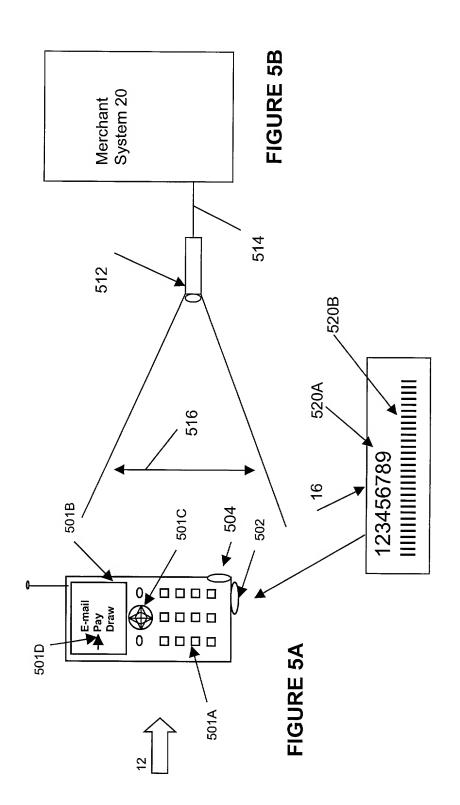


FIGURE 5C

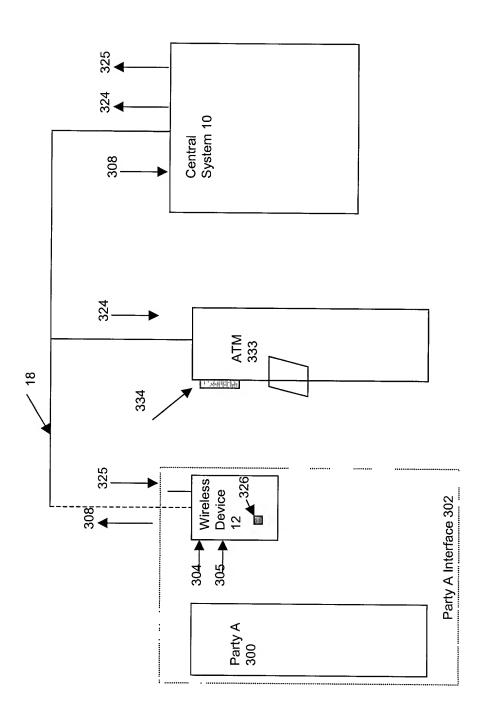


FIGURE 6

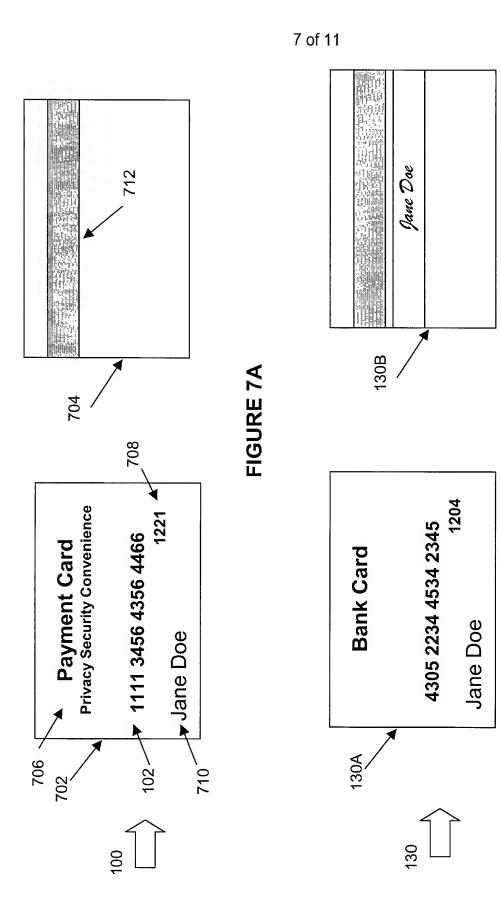


FIGURE 7B

	Table A 732	Date 708: Offsets 760 1221 3345	
720		4-4digit 722	724
Receive payment card data (16 digit card Number, 4 digit date, CPIN)		Parse 16 digit card number into four sub-sets as 1-4digit, 2-4digit, 3-4digit, 4-4digit And using the 4 digit date read corresponding offsets from Table A 732	Apply the four offsets to the four 4-digits numbers as follows: New First-4 digit = First-4 digits plus offset1

Customer id 854 = Combination of (New First-4digits, New Second- 4digits, New Third- 4digits, New Fourth-4digits)

New Second-4 digit = Second-4 digits plus offset2 New Third-4 digit = Third-4 digits plus offset3 New Fourth-4 digits = Fourth-4 digits plus offset 4 Using customer id 854 and CPIN 856 Read database 838B To find Actual Bankcard number data 858

728

FIGURE 7C

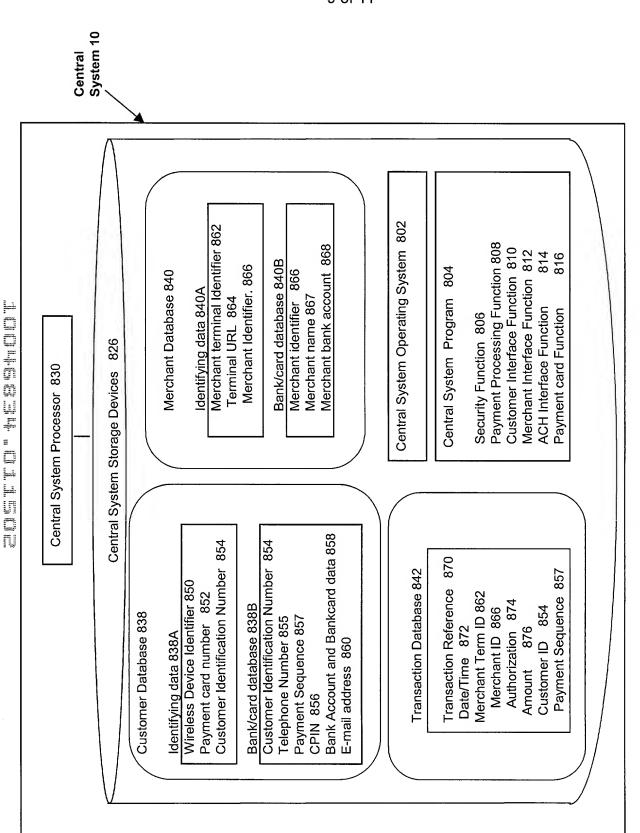
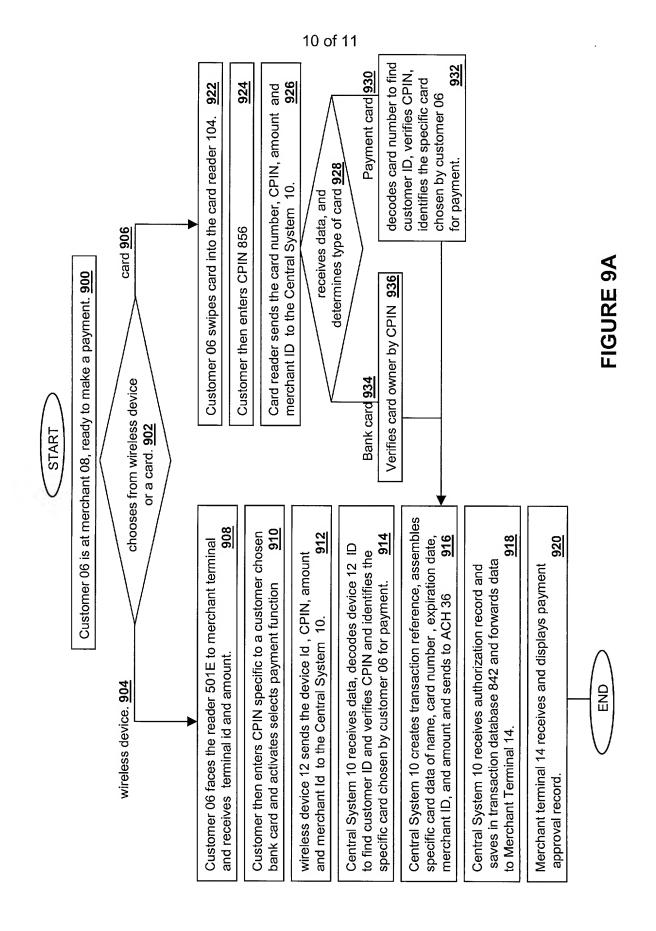


FIGURE 8



HODFOWF. OF HUON

START

Party A 200 wishes to make a private payment to party B 202 and enquires party B's telephone number.

Party A takes out its wireless device 12 and enters party B identification(telephone number), a payment amount, a CPIN and activates payment function 226.

The device 12 creates a payment record 208 and sends to central system 10.

Central System 10 receives data, decodes device Id to find sequence number and verifies CPIN and identifies the specific account chosen by party A 200 for payment.

Central System 10 creates transaction reference, assembles specific account data of party A, central system bank identifier 40, and amount and sends to ACH 36. Central System 10 receives authorization record.

Central system 10 creates transaction reference, assembles specific account data of party B, central system bank identifier 40, and amount and sends to ACH 36. Central System 10 receives authorization record.

System 10 saves in transaction database 842 and sends notification e-mail 225 to party A 200 and to party B 224 952



FIGURE 9B